Appendix A
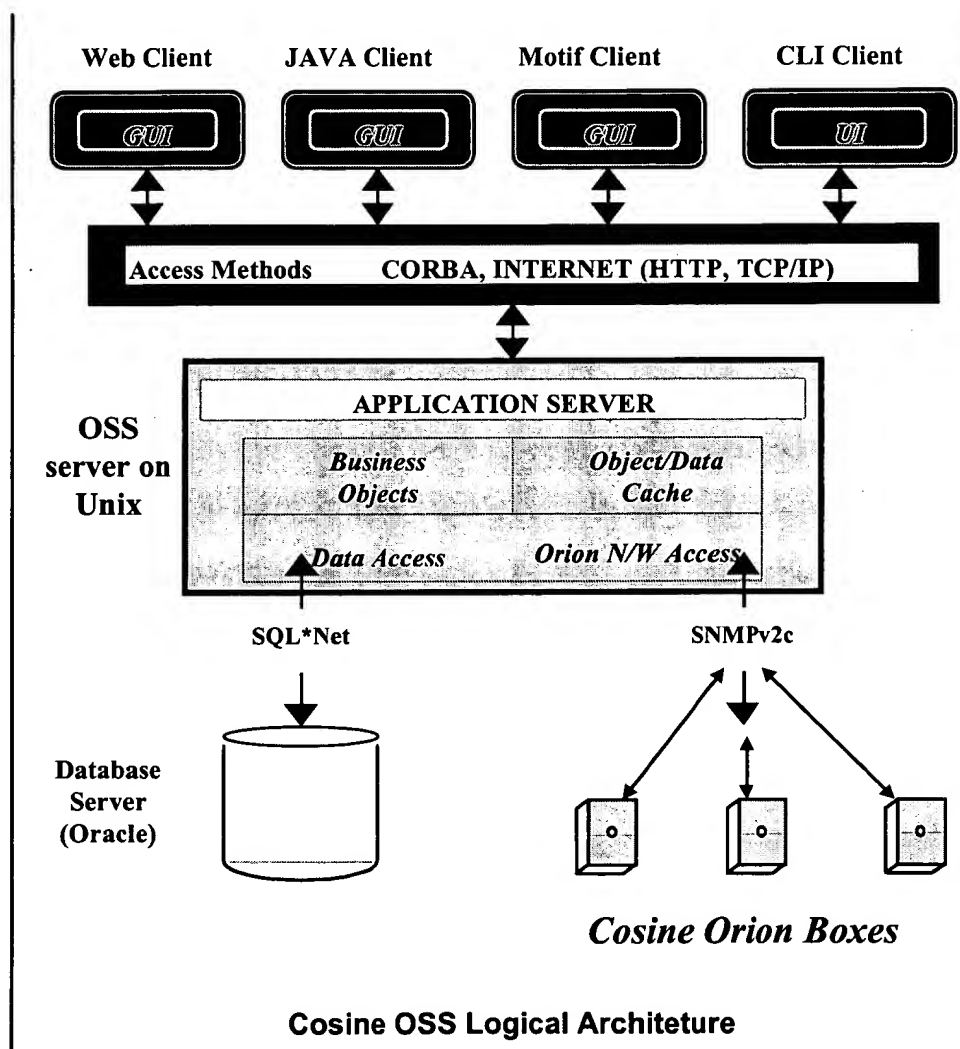
4. Other Requirements

4.1 Logical Architecture
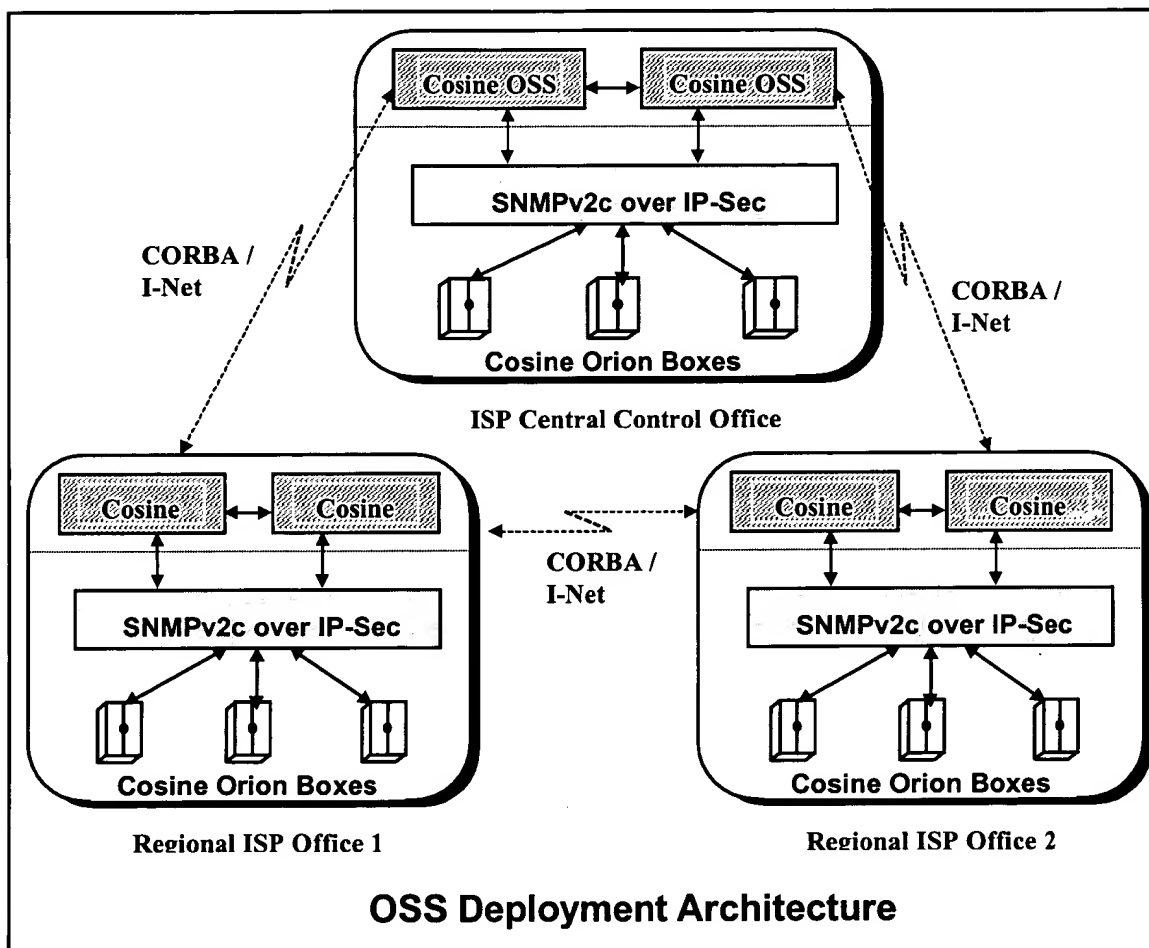
Following figure shows the logical architecture requirements of the CoSine OSS.

Cosine OSS Logical Architeture

4.2 OSS Deployment Configuration

Following figure depicts the expected deployment scenarios for CoSine OSS. As shown in the figure below:

- A typical OSS instance will be managing multiple Orion Boxes.
- For load balancing and other purposes, a set of OSS instances could be used to manage a set of Orions.
- OSS instances can have Peer-to-Peer as well as hierarchical relationships.

OSS Deployment Architecture

4.3 External Interface Requirements

4.3.1 User Interface Requirements

OSS functionality should be accessible from a Web, JAVA, Motif and Command Line (CLI) based user interfaces. Motif interface is ~~might~~ not ~~be that~~ critical but- support for CLI is a must. At this time, it's ~~Do~~ not known which~~at~~ protocol is / will be used by CLI programs ~~will use~~ to access OSS (a CORBA based client program could have ~~be~~a CLI ~~based~~ as well).

4.3.2 Hardware Requirements

OSS server is expected to run on a Sun/Solaris box.